



September 1, 2004

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Our Reference: 12265-23/PMdC

**INFORMATION DISCLOSURE
STATEMENT UNDER CFR.1.56 and CFR 1.97(b)**

Commissioner of Patents
P.O. Box 1450
Alexandria, VA
U.S.A. 22313-1450

Dear Sir:

Re: United States Patent Application No. 10/798,312
For: METHANOL PRODUCTION PROCESS
Filed: March 12, 2004
Applicant: SHAW

In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, the applicant hereby submits an Information Disclosure Statement including a listing of patents of which the applicant is aware. In accordance with the requirements of 1.97(b)(1) and (3), this Information Disclosure Statement is filed within three months of the filing date of the application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

(A) List of References

A list of the patents and other publications of which the applicant is aware is set out in the attached PTO Form 1449 which is attached hereto.

(B) Copies of References

Pursuant to 37 CFR 1.98(d), copies of references are not being provided since there are

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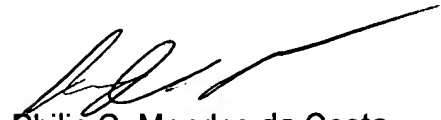
Scotia Plaza, 40 King St. West, 40th Floor,
Toronto, Ontario, Canada M5H 3Y2
Tel: 416.364.7311 Fax: 416.361.1398

2000 Argentia Rd., Plaza 4, Ste. 430,
Mississauga, Ontario, Canada L5N 1W1
Tel: 905.812.3600 Fax: 905.814.0031

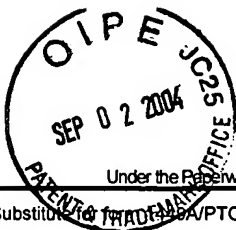
Waterloo Technology Campus, 408 Albert St., Ste. 2,
Waterloo, Ontario, Canada N2L 3V3
Tel: 519.783.3210 Fax: 519.783.3211

no new references listed over and above the references previously supplied by the Applicants or cited by the Office in Application Serial No. 09/985,212 now issued United States patent number 6,736,955.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Philip C. Mendes da Costa', with a long horizontal flourish extending to the right.

Philip C. Mendes da Costa
Registration No. 33,106
/as
Encl



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/798,312
Filing Date	March 12, 2004
First Named Inventor	John M. Shaw
Art Unit	1753
Examiner Name	N/A
Attorney Docket Number	12265-23/PMdC

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 3,763,205	10/02/1973	Green	
		US- 3,920,717	11/18/1975	Marion	
		US- 4,158,637	06/19/1979	Jones	
		US- 4,203,915	05/20/1980	Supp et al.	
		US- 4,218,389	08/19/1980	Jackson et al.	
		US- 4,219,492	08/26/1980	Konoki et al.	
		US- 4,235,800	11/25/1980	Pinto	
		US- 4,277,416	07/07/1981	Grant	
		US- 4,395,495	07/26/1983	Cummings	
		US- 4,407,973	10/04/1983	Van Dijk et al.	
		US- 4,464,483	08/07/1984	De Lathouder	
		US- 4,476,249	10/09/1984	Avery	
		US- 4,546,111	10/08/1985	Banquy	
		US- 4,628,066	12/09/1986	Bonnell et al.	
		US- 4,894,394	01/16/1990	Van Dijk et al.	
		US- 4,910,228	3/20/1990	Lywood	
		US- 4,927,856	05/22/1990	Elion	
		US- 4,927,857	05/22/1990	McShea, III et al.	
		US- 4,994,093	02/19/1991	Wetzel et al.	
		US- 5,037,619	08/06/1991	Alagy et al.	

FOREIGN PATENT DOCUMENTS

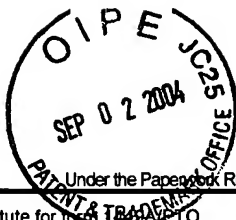
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		CA-1,206,949	07-02-1986	Hoek et al.		
		CA-1,233,324	03-01-1988	Schiffers et al.		
		CA-1,235,580	04-26-1988	Goebel et al.		
		CA-1,241,545	09-06-1988	Goebel et al.		
		CA-1,241,666	09-06-1988	de Lathouder		
		CA-1,242,749	10-04-1988	de Lathouder		
		CA-1,247,651	12-28-1988	Banguy		
		CA-1,258,773	08-29-1989	Goebel et al.		
		CA-1,266,279	02-27-1990	Bonnell et al.		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known

Application Number	10/798,312
Filing Date	March 12, 2004
First Named Inventor	John M. Shaw
Art Unit	1753
Examiner Name	N/A
Attorney Docket Number	12265-23/PMdC

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
		US- 5,063,250	11/05/1991	Murayama et al.	
		US- 5,173,513	12-22-1992	Pinto	
		US- 5,180,570	01-19-1983	Lee et al.	
		US- 5,312,843	05-17-1994	Yamauchi et al.	
		US- 5,342,702	08-30-1994	MacGregor	
		US- 5,344,848	09-06-1994	Steinberg et al.	
		US- 5,416,245	05-16-1995	MacGregor et al.	
		US- 5,472,986	12-05-1995	van Dijk	
		US- 5,496,859	03-05-1996	Fong et al.	
		US- 5,512,599	04-30-1996	Hiramatsu et al.	
		US- 5,690,482	11-25-1997	Shessel et al.	
		US- 5,770,630	06-23-1998	Kowal et al.	
		US- 5,980,782	11-09-1999	Herschkowitz et al.	
		US- 5,998,489	12-07-1999	Kobayashi et al.	
		US- 6,005,011	12-21-1999	Henningesen	
		US- 6,117,916	09-12-2000	Allam et al.	
		US- 6,156,234	12-05-2000	Briscoe et al.	
		US- 6,191,174	02-20-2001	Early et al.	
		US- 6,214,314	04-10-2001	Abbott	
		US- 6,218,439	04-17-2001	Kobayashi et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		CA-1,267,423	04-03-1990	Gesser et al.		
		CA-1,297,677	03-24-1992	Alagy et al.		
		CA-1,297,911	03-24-1992	Pinto		
		CA-1,300,175	05-05-1992	Bonnell et al.		
		CA-1,330,349	06-21-1994	Hsiung et al.		
		CA-1,340,334	01-26-1999	Kowal et al.		
		CA-2,004,218	05-31-1990	Korchnak et al.		
		CA-2,034,685	07-27-1991	Pfingstl		
		CA-2,034,731	08-29-1991	Funk		
		CA-2,227,128	01-15-1998	Hardin,		

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Sheet 3 of 4

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Application Number	10/798,312
Filing Date	March 12, 2004
First Named Inventor	John M. Shaw
Art Unit	1753
Examiner Name	N/A
Attorney Docket Number	12265-23/PMdC

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		Number - Kind Code ² (if known)			
		US- RE. 35,377	11/12/1996	Steinberg et al.	
		US- 5,310,506	5/10/1994	Supp et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		CA-2,060,108	01-28-1992	Naber		
		CA-2,061,710	08-17-1999	Studer		
		CA-2,077,880	03-11-1993	Kobayashi et al.		
		CA-2,112,849	07-06-1994	MacGregor		
		CA-2,114,205	05-11-1999	Moore et al.		
		CA-2,204,389	05-17-1996	Shessel et al.		
		CA-2,204,776	05-17-1996	Van Dijk		
		CA-2,210,391	07-18-1996	Weedon		
		CA-2,213,025	04-24-1998	Boll et al.		
		WO01/47846	07-05-2001	Jarle et al.		

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**INFORMATION DISCLOSURE
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Sheet 4 of 4

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Application Number	10/798,312
Filing Date	March 12, 2004
First Named Inventor	John M. Shaw
Art Unit	1753
Examiner Name	N/A
Attorney Docket Number	12263-25/PMdC

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kirk-Othmer: "Encyclopedia of Chemical Technology 4.sup.th edition" 1995, John Wiley & Sons, New York (US) XP002226757, p. 545, Fig. 4, no date.	
		Database CA Online Chemical Abstracts Service, Columbus, Ohio, US; Akahori, Hideo: "Fixation of carbon dioxide in waste gases and environmental-friendly electric power plants" retrieved from STN database accession No. 123:121897 XP002226758 & JP 07 136462, May 30, 1995, Tokyo Shibaura Electric Co.	

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